

**Group Number:** May1725

**Project Title:** Wireless Energy Measurement System

**Advisor:** Nathan Neihart

**Team Members/Role:**

- 1) Joseph Freeland (Co-Lead)
- 2) Milan Patel (Co-Lead)
- 3) Adam Cha (Communications Lead)
- 4) Adam Dau (Webmaster)
- 5) James Tran (Key Concept Holder)
- 6) Wei LinLin (Key Concept Holder)

o **Weekly Summary**

During week 2, our group set out to assign team roles and contact our advisor and set up a meeting time to meet (it will be on 9/20).

o **Past week accomplishments (please describe as what was done, by whom, when)**

- Adam Cha - Performed research on devices we could use to measure current in a wire. Completed weekly report.
- Adam Dau - Researched creating website
- Joseph Freeland - Researched devices to measure current in a wire and performed further research on topics similar to our project to gain a better understanding on how we can move forward.
- Wei LinLin - Reading some documents about this project to gain a better understanding on our project
- Milan Patel - Set up team roles and researched possible routes for us to take on our project.
- James Tran - Set up spreadsheet of everyone's availability to find a weekly meeting time. Researched about Development Tools HUZAZH ESP8266 Breakout

o **Pending issues (if applicable)**

- Adam Cha - N/A
- Adam Dau - N/A
- Joseph Freeland - Location for weekly meetings might change depending on availability of rooms in Durham.
- Wei LinLin - N/A
- Milan Patel - N/A
- James Tran - N/A

o **Individual contributions**

<b><u>NAME</u></b>	<b><u>Individual Contributions</u></b>	<b><u>Hours this week</u></b>	<b><u>Hours cumulative</u></b>
Adam Cha	Performed research on devices we could use to measure current in a wire. Was assigned communications role. Completed weekly report.	1	2
Adam Dau	Research creating web	0.5	0.5
Joseph F.	Researched devices to measure current in a wire and performed further research on topics similar to our project to gain a better understanding on how we can move forward.	1	1.5
Wei LinLin	Research on some relevant documents on our projects	0.5	1
Milan Patel	Set up team roles and researched possible routes for us to take on our project.	0.5	1.5
James Tran	Set up spreadsheet of everyone's availability to find a weekly meeting time. Researched about HUZZAH ESP8266 Breakout	1	2

o **Comments and extended discussion**

None at this time.

o **Plan for coming week (please describe as what, who, when)**

- Adam Cha - Do further research on devices we can use to receive energy consumption information from appliances. Do anything from that our advisor requests for the next week. Continue filling out weekly reports.
- Adam Dau - Create website for the team, start the design process
- Joseph Freeland - Talk with our advisor about first actions on getting what needs to be started/researched on first.
- Wei LinLin - collect some documents
- Milan Patel - Gather required data to create project timeline
- James Tran - Research about short-distance wireless communication: Bluetooth, WPAN, Zigbee.

o **Summary of weekly advisor meeting**

Vaguely discussed project requirements.